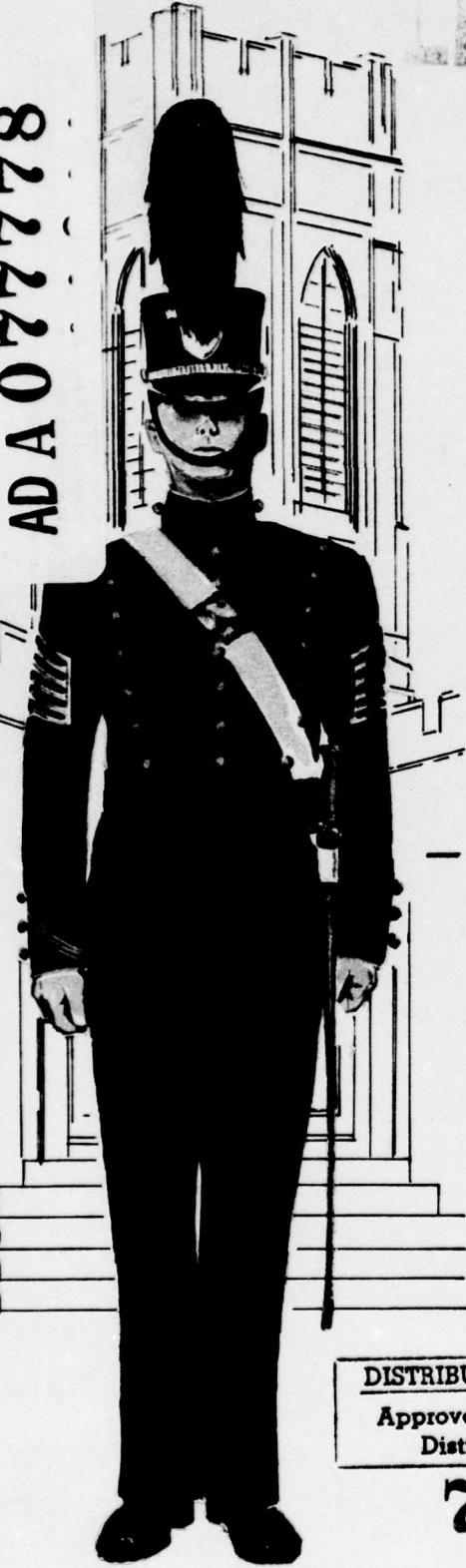


ADA077778



LEVEL II

74-016

(1)

UNITED STATES MILITARY ACADEMY

WEST POINT · NEW YORK

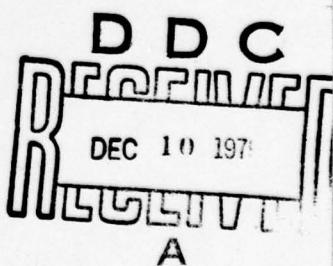
See 1473 in back

ADMISSION SCORES
OF THE
USMA CLASS OF 1977

DDC FILE COPY

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited



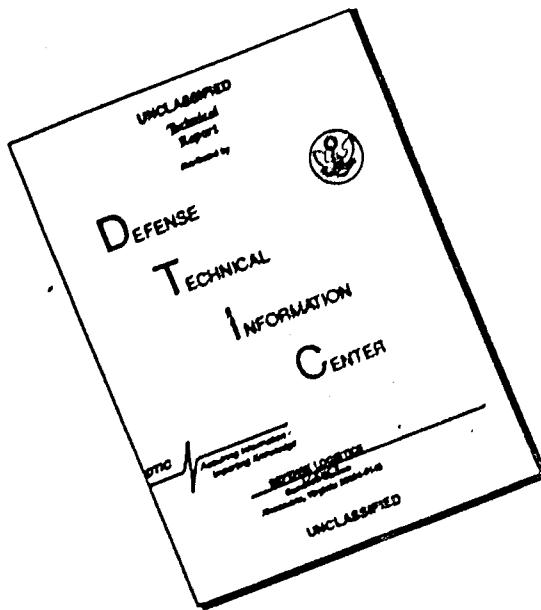
79 20 9 173

OFFICE OF THE
DIRECTOR OF INSTITUTIONAL RESEARCH

JANUARY 1974

DUTY-HONOR-COUNTRY

DISCLAIMER NOTICE



**THIS DOCUMENT IS BEST
QUALITY AVAILABLE. THE COPY
FURNISHED TO DTIC CONTAINED
A SIGNIFICANT NUMBER OF
PAGES WHICH DO NOT
REPRODUCE LEGIBLY.**

ADMISSION SCORES OF THE USMA CLASS OF 1977

Report No. 9B1.01-74-016
Project No. 166
Prepared by: Mr. John W. Houston
January 1974

ABSTRACT

The purpose of this report is to bring together, for research and information purposes, the summary statistics of the admission scores of the candidates and cadets--Class of 1977. The distributions of scores are shown for six (6) categories of candidates, including decliners and minority group members; and four (4) categories of admitted cadets, including Negro members, graduates of the US Military Academy Preparatory School, and recruited athletes. Bivariate frequency breakouts (CEER and ACEER versus PAE) are also shown for the same categories of candidates and cadets.

NOTE: Any conclusions in this report are not to be construed as official U. S. Military Academy or Department of the Army positions unless so designated by other authorized documents.

D D C
RECORDED
DEC 10 1979
RECORDED
A

~~DISTRIBUTION:~~ This document is prepared for official purposes only. Its contents may not be reproduced or distributed (in whole or in part) without specific permission of the Superintendent, U. S. Military Academy, in each instance.

OFFICE OF THE
DIRECTOR OF INSTITUTIONAL RESEARCH
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK 10996

DISCUSSION FOR	
NTIS GRA&I	
DDC TAB	
Unannounced	
Justification _____	
By _____	
Distribution/ _____	
Availability Codes _____	
Dist.	Avail and/or special
A	

TABLE OF CONTENTS

	Page
INTRODUCTION.....	1
FREQUENCY DISTRIBUTIONS, MEANS, AND STANDARD DEVIATIONS OF SCORES (CEER & ACEER)	
All Candidates to the Class of 1977.....	2-3
Fully Examined Candidates.....	4
Fully Examined and Medically Qualified Candidates.....	5
Admitted Class.....	6
Decliners.....	7
Fully Qualified but Not Admitted.....	8
Minority Candidates.....	9
Negro Cadets in the Class of 1977.....	10
USMA Preparatory School Members in the Class of 1977.....	11
Recruited Athletes in the Class of 1977.....	12
Means of Admission Variables for All Above Sub-Groups.....	13
BIVARIATE FREQUENCY MATRICES (CEER AND ACEER VERSUS PAE)	
All Candidates to the Class of 1977.....	15
Fully Examined Candidates.....	16
Fully Examined and Medically Qualified Candidates.....	17
Admitted Class.....	18
Decliners.....	19
Fully Qualified but Not Admitted.....	20
Minority Candidates.....	21
Negro Cadets in the Class of 1977.....	22
USMAPS Graduates in the Class of 1977.....	23
Recruited Athletes in the Class of 1977.....	24
DD FORM 1473.....	25

Programmer: SP4 James B. Hurst
 Typist: Mrs. Susan M. Quimby

INTRODUCTION

Since many candidates for the Class of 1977 had both College Board Scores and American College Test Scores (CEER and ACEER), each candidate was evaluated for admission using the higher score. However, most candidates have only the CEER or the ACEER.

Tables 1A through 11A show the scores for the various categories of candidates and cadets who were evaluated for admission using CEER.

Tables 1B through 11B show similar scores for those who were evaluated using ACEER. For example, Table 4A shows the scores of the 941 cadets who were admitted using CEER, and Table 4B shows the scores of the 435 cadets who were admitted using ACEER. The sum of these two gives the total of the admitted class: 1376. If a candidate took both the College Board tests and the American College Testing Assessment Program tests, both scores are included in Table 1C.

Tables 12A through 21A give frequency breakouts on CEER and PAE scores for candidates to the Class of 1977 who were evaluated for admission using CEER. Tables 12B through 21B give similar breakouts on ACEER and PAE scores for candidates to the Class of 1977 who were evaluated for admission using ACEER. Percentages on each table represent the percent of the total to be found in each of the nine cells.

All data were obtained from the Pre-cadet Master File.

The following abbreviations apply to this report:

ACEER: A weighted composite score of three ACT tests and a standardized High School Rank score.

ACT-EN: American College Test, English.

ACT-MA: American College Test, Mathematics.

ACT-NA: American College Test, Natural Science.

CEER: A weighted composite score of four College Entrance Examination Board tests and a standardized High School Rank score.

ENG-A: English Achievement (or English Composition).

HSR: High School Rank, a score derived by converting the actual high school rank to a standard score.

LPS: Leadership Potential Score.

MATH-A: Mathematics Achievement.

PAE: Physical Aptitude Examination.

SAT-M: Scholastic Aptitude Test-Mathematics.

SAT-V: Scholastic Aptitude Test-Verbal.

WMS: Whole Man Score, a weighted composite score of the CEER (or ACEER), LPS and PAE.

BEST AVAILABLE COPY

TABLE 1A

ALL CANDIDATES TO THE CLASS OF 1977
 (Evaluated Using CEER)
 Total N = 4855

Frequency Distribution									
	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS*</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>
200-249	5	0	71	0	10	2	3	1	120
250-299	38	2	69	2	69	26	26	1	137
300-349	134	25	142	11	156	65	114	20	223
350-399	294	89	213	132	384	156	279	78	552
400-449	628	302	397	424	572	272	478	242	599
450-499	958	513	565	997	780	461	596	400	734
500-549	1027	1048	602	1414	860	698	571	556	946
550-599	936	884	502	1224	601	854	468	598	592
600-649	523	1208	294	509	434	753	315	533	393
650-699	222	607	150	95	249	564	198	375	330
700-749	79	132	34	8	67	256	55	189	108
750-800	11	6	17	0	11	86	13	114	121
N	4855**	4816	3056	4816	4193	4193	3117	3106	4855
Mean	515.82	564.92	494.20	527.63	501.55	562.50	503.59	567.13	489.04
Std Dev	89.11	80.96	106.02	63.98	97.91	99.22	96.85	96.48	121.66

TABLE 1B

ALL CANDIDATES TO THE CLASS OF 1977
 (Evaluated Using ACT)
 Total N = 1941

Frequency Distribution									
	<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
200-249	7	1	51	0	36	1-3	0	5	0
250-299	25	2	49	1	42	4-6	9	10	4
300-349	59	25	88	28	76	7-9	38	16	9
350-399	122	47	121	50	216	10-12	93	37	25
400-449	196	131	252	177	223	13-15	121	62	85
450-499	306	230	331	339	276	16-18	348	161	147
500-549	488	342	311	544	415	19-21	592	156	201
550-599	435	351	244	551	267	22-24	503	203	242
600-649	225	417	142	202	172	25-27	192	253	299
650-699	74	279	47	24	146	28-30	35	538	630
700-749	2	89	16	0	35	31-33	8	205	279
750-800	0	2	5	0	37	34-36	2	95	20
N	1939	1916	1657	1916	1941		1941	1941	1941
Mean	515.59	566.11	478.66	526.59	495.77		19.97	25.38	25.44
Std Dev	87.32	89.20	105.65	66.31	114.85		4.36	5.89	5.52

*Whole Man Score divided by 10. (This applies to all tables in this report.)

**Number with CEER score is greater than those with CEER Components, as many of the candidates with HSR and Preliminary SAT scores were given an estimated CEER.

TABLE 1C
ALL CANDIDATES TO THE CLASS OF 1977*
OBTAINING INDICATED SCORES

	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>	<u>ACEER</u>
200-249	6	1	123	0	13	2	3	0	156	9
250-299	42	4	121	3	85	32	29	1	179	28
300-349	175	50	232	39	205	89	135	24	299	69
350-399	371	139	341	182	519	196	346	90	768	166
400-449	824	446	649	601	767	374	576	292	822	265
450-499	1264	751	899	1336	1070	607	724	462	1010	390
500-549	1411	1405	914	1958	1108	951	657	662	1361	595
550-599	1250	1243	749	1775	771	1128	524	720	859	551
600-649	672	1635	437	711	519	970	342	626	565	291
650-699	289	887	197	119	297	683	211	411	476	105
700-749	82	221	50	8	73	315	55	206	143	6
750-800	11	8	22	0	12	92	14	120	158	0
N	6397**	6790	4734	6732	5439	5439	3616	3615	6796	2475
Mean	515.48	564.78	488.38	527.33	497.86	559.31	499.35	564.47	490.96	516.29
Std Dev	86.83	83.26	106.10	63.90	96.31	97.73	95.46	95.25	119.72	86.16

	<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
1-3	0	8	0
4-6	15	11	6
7-9	52	22	14
10-12	117	50	31
13-15	162	84	115
16-18	465	245	213
19-21	761	212	272
22-24	656	281	318
25-27	273	580	389
28-30	54	680	798
31-33	15	272	386
34-36	2	127	27
N	2572	2572	2569
Mean	20.01	25.19	25.33
Std Dev	4.42	5.82	5.55

*Includes both CEER and ACT scores if candidates took both.

**Number with CEER score is greater than those with CEER Components as many of the candidates with HSR and Preliminary SAT scores were given an estimated CEER.

TABLE 2A

FULLY EXAMINED CANDIDATES

(Evaluated Using CEER)

Total N = 2505

Frequency Distribution

<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>
200-249	0	0	46	0	1	0	0	39
250-299	3	2	48	0	13	7	12	40
300-349	19	14	88	1	45	10	63	12
350-399	71	40	151	36	155	49	184	46
400-449	212	126	316	100	288	95	324	150
450-499	426	243	481	365	466	215	461	267
500-549	579	490	502	677	548	355	451	408
550-599	620	513	445	850	431	566	380	460
600-649	352	554	248	384	317	527	263	425
650-699	151	403	133	75	177	416	161	320
700-749	64	107	29	8	53	196	41	163
750-800	8	4	17	0	8	67	10	99
N	2505	2496	2504	2496	2502	2503	2350	2505
Mean	542.82	576.13	502.09	548.83	522.08	586.55	511.87	509.03
Std Dev	79.80	81.69	102.23	58.98	90.55	93.54	93.54	95.17
								117.03

TABLE 2B

FULLY EXAMINED CANDIDATES

(Evaluated Using ACT)

Total N = 1307

Frequency Distribution

<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
200-249	3	1	33	0	18	1-3	0	1
250-299	8	1	35	1	18	4-6	3	4
300-349	19	12	54	10	41	7-9	12	5
350-399	51	25	80	19	118	10-12	45	15
400-449	108	75	199	74	132	13-15	58	21
450-499	176	143	281	184	186	16-18	222	77
500-549	364	212	238	359	306	19-21	415	78
550-599	349	246	209	470	197	22-24	379	135
600-649	176	292	119	168	128	25-27	143	315
650-699	51	219	41	18	111	28-30	23	425
700-749	2	75	13	0	24	31-33	7	153
750-800	0	2	5	0	28	34-36	0	14
N	1307	1303	1307	1303	1307		1307	1307
Mean	532.06	576.75	486.22	541.06	508.83		20.51	26.48
Std Dev	77.30	87.60	102.66	59.95	109.70		3.93	5.16
								4.85

TABLE 3A

FULLY EXAMINED AND MEDICALLY QUALIFIED CANDIDATES
 (Evaluated Using CEER)
 Total N = 2341

Frequency Distribution									
	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>
200-249	0	0	41	0	1	0	0	0	36
250-299	3	1	43	0	7	4	12	0	36
300-349	15	10	77	1	39	10	60	12	66
350-399	61	35	137	29	141	40	170	43	217
400-449	186	110	282	83	263	83	293	134	265
450-499	401	226	453	335	439	187	436	245	370
500-549	542	456	476	327	511	329	430	378	485
550-599	584	488	425	810	409	537	363	437	305
600-649	335	514	235	370	301	491	251	407	231
650-699	146	387	126	73	167	402	149	306	202
700-749	60	105	29	8	52	190	41	160	54
750-799	8	4	17	0	8	66	10	93	74
N	2341	2336	2341	2336	2338	2339	2215	2215	2341
Mean	544.78	578.00	504.48	550.77	523.96	589.63	512.95	578.44	509.72
Std Dev	79.05	80.50	101.55	58.08	89.81	87.29	93.58	94.95	116.43

TABLE 3B

FULLY EXAMINED AND MEDICALLY QUALIFIED CANDIDATES
 (Evaluated Using ACT)
 Total N = 1204

Frequency Distribution									
	<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
200-249	2	1	25	0	16	1-3	0	1	0
250-299	6	1	31	1	17	4-6	2	3	1
300-349	18	8	44	8	36	7-9	10	5	3
350-399	47	22	68	18	109	10-12	40	12	4
400-449	96	66	183	60	119	13-15	54	18	30
450-499	155	131	267	163	172	16-18	203	70	65
500-549	342	184	223	329	281	19-21	380	68	106
550-599	329	230	194	448	182	22-24	359	121	144
600-649	163	277	112	159	121	25-27	128	297	204
650-699	44	212	39	17	102	28-30	21	399	451
700-749	2	69	13	0	22	31-33	7	143	173
750-800	0	2	5	0	27	34-36	0	67	13
N	1204	1203	1204	1203	1204		1204	1204	1204
Mean	533.17	579.66	490.03	542.94	509.89		20.54	26.55	26.37
Std Dev	76.19	86.55	100.60	59.01	109.79		3.87	5.06	4.79

TABLE 4A

ADMITTED CLASS OF 1977
 (Evaluated Using CEER)
 Total N = 941

Frequency Distribution									
<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>	
200-249	0	0	0	0	0	0	0	0	4
250-299	0	0	1	0	0	0	1	0	7
300-349	0	0	0	0	3	0	8	0	18
350-399	2	3	10	0	25	0	31	2	56
400-449	17	17	97	1	76	5	81	14	75
450-499	94	49	176	26	159	29	177	52	117
500-549	208	127	210	157	222	103	209	161	218
550-599	307	189	213	476	199	212	190	203	148
600-649	205	261	126	241	139	246	132	207	119
650-699	76	232	78	37	90	212	86	165	107
700-749	29	61	19	3	25	94	22	84	30
750-800	3	2	6	0	3	40	4	53	42
N	941	941	936	941	941	941	941	941	941
Mean	574.44	607.92	540.88	581.07	545.09	619.17	538.07	606.66	541.13
Std Dev	64.09	68.88	78.61	39.13	80.72	70.20	84.43	81.29	109.51

TABLE 4B

ADMITTED CLASS OF 1977
 (Evaluated Using ACT)
 Total N = 435

Frequency Distribution									
<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>	
200-249	0	0	0	1	1-3	0	0	0	0
250-299	0	0	0	1	4-6	0	0	0	0
300-349	0	0	0	4	7-9	0	0	0	0
350-399	0	0	7	0	10-12	4	0	0	0
400-449	3	8	55	0	13-15	3	0	5	
450-499	30	16	101	3	16-18	54	0	8	
500-549	123	34	95	52	112	19-21	138	7	27
550-599	166	73	91	270	94	22-24	153	32	42
600-649	88	132	54	101	58	25-27	68	111	60
650-699	23	132	24	9	50	28-30	12	177	198
700-749	2	39	5	0	12	31-33	3	70	89
750-800	0	1	3	0	17	34-36	0	38	6
N	435	435	435	435	435		435	435	435
Mean	569.42	623.74	527.51	581.53	552.68		21.73	28.65	27.77
Std Dev	49.30	64.96	77.31	31.02	94.31		3.18	3.18	3.88

TABLE 5A

DECLINERS
 (Evaluated Using CEER)
 Total N = 300

	Frequency Distribution								
	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>
200-249	0	0	0	0	0	0	0	0	1
250-299	0	0	0	0	0	0	0	0	3
300-349	0	0	0	0	0	0	1	0	1
350-399	0	0	3	0	3	0	6	0	8
400-449	2	4	25	1	14	1	18	6	18
450-499	11	15	56	3	37	3	50	9	29
500-549	46	33	71	19	71	13	64	16	47
550-599	93	61	66	130	60	55	61	51	48
600-649	76	79	43	105	66	70	53	77	56
650-699	47	83	21	37	34	89	36	72	51
700-749	22	23	6	5	15	54	9	43	13
750-800	3	2	8	0	0	15	2	26	25
N	300	300	299	300	300	300	300	300	300
Mean	603.86	616.35	547.90	601.98	566.48	643.81	556.27	635.94	579.23
Std Dev	64.58	67.38	81.48	41.85	75.89	65.71	82.60	78.76	110.00

TABLE 5B

DECLINERS
 (Evaluated Using ACT)
 Total N = 156

	Frequency Distribution								
	<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
200-249	0	0	0	0	0	1-3	0	0	0
250-299	0	0	0	0	0	4-6	0	0	0
300-349	0	0	0	0	1	7-9	0	0	0
350-399	0	0	2	0	0	10-12	0	0	0
400-449	0	0	8	0	8	13-15	1	0	0
450-499	5	3	30	0	15	16-18	13	0	2
500-549	26	9	33	8	26	19-21	29	1	7
550-599	59	21	39	72	30	22-24	58	7	9
600-649	50	55	28	65	26	25-27	33	19	26
650-699	16	44	9	11	32	28-30	3	74	69
700-749	0	23	5	0	11	31-33	1	38	42
750-800	0	1	1	0	7	34-36	0	17	1
N	156	156	156	156	156		156	156	156
Mean	589.75	638.18	549.15	600.22	586.60		22.39	29.61	28.50
Std Dev	45.72	57.49	74.56	30.51	91.45		2.90	3.00	3.47

TABLE 6A

FULLY QUALIFIED BUT NOT ADMITTED
 (Evaluated Using CEER)
 Total N = 167

Frequency Distribution										
	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>	
200-249	0	0	0	0	0	0	0	0	0	
250-299	0	0	0	0	0	0	0	0	2	
300-349	0	1	0	0	0	0	0	0	4	
350-399	0	0	2	0	1	0	4	0	9	
400-449	0	6	22	0	9	0	19	3	28	
450-499	14	26	61	2	27	2	33	6	34	
500-549	75	44	47	85	54	21	42	40	49	
550-599	67	43	25	80	42	50	43	51	26	
600-649	11	36	8	0	25	54	16	37	7	
650-699	0	11	2	0	7	32	8	23	7	
700-749	0	0	0	0	1	7	1	5	1	
750-800	0	0	0	0	1	1	0	2	0	
N		167	167	167	167	167	167	167	167	
Mean		549.08	556.50	498.66	546.27	543.11	606.42	525.84	582.64	491.92
Std Dev		32.84	64.15	56.12	14.26	64.00	54.08	70.50	64.24	81.98

TABLE 6B

FULLY QUALIFIED BUT NOT ADMITTED
 (Evaluated Using ACT)
 Total N = 106

Frequency Distribution									
	<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
200-249	0	0	0	0	0	1-3	0	0	0
250-299	0	0	0	0	0	4-6	0	0	0
300-349	0	0	0	0	2	7-9	0	0	0
350-399	1	0	0	0	6	10-12	0	0	0
400-449	2	4	12	0	8	13-15	2	0	1
450-499	6	14	35	1	21	16-18	18	0	6
500-549	49	20	31	52	39	19-21	37	3	5
550-599	43	37	17	52	15	22-24	40	7	13
600-649	5	23	6	1	11	25-27	8	36	24
650-699	0	8	4	0	4	28-30	0	54	46
700-749	0	0	0	0	0	31-33	1	5	10
750-800	0	0	0	0	0	34-36	0	1	1
N		106	106	105	106	106	106	106	106
Mean		543.87	566.23	511.24	547.30	507.83	20.96	27.57	26.71
Std Dev		37.71	63.05	59.35	17.41	73.51	2.84	2.53	3.88

TABLE 7A

MINORITY CANDIDATES*
 (Evaluated Using CEER)
 Total N = 449

	Frequency Distribution								
	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>
200-249	4	0	4	0	7	2	1	0	22
250-299	16	0	5	2	28	16	9	1	23
300-349	38	1	19	4	42	26	29	7	26
350-399	53	6	19	28	73	39	54	27	60
400-449	88	32	39	75	63	53	44	42	48
450-499	90	61	48	108	68	63	52	60	72
500-549	79	71	59	126	57	70	43	62	72
550-599	52	84	53	69	26	59	36	44	47
600-649	18	108	39	31	20	29	18	21	38
650-699	9	58	27	3	11	27	8	19	24
700-749	2	25	10	0	0	11	3	9	8
750-800	0	0	5	0	0	0	1	3	9
N	449	446	327	446	395	395	298	295	449
Mean	462.21	569.39	515.38	498.67	436.05	487.73	458.95	508.60	466.10
Std Dev	93.70	84.66	113.15	68.11	103.53	110.37	101.54	95.50	131.22

TABLE 7B

MINORITY CANDIDATES*
 (Evaluated Using ACT)
 Total N = 201

	Frequency Distribution								
	<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
200-249	2	0	5	0	2	1-3	0	2	0
250-299	8	0	4	0	4	4-6	2	3	2
300-349	14	3	9	7	8	7-9	15	4	3
350-399	31	2	14	5	26	10-12	26	12	10
400-449	37	11	27	44	18	13-15	22	19	30
450-499	34	28	25	40	29	16-18	56	39	41
500-549	34	26	30	50	51	19-21	46	21	24
550-599	28	34	29	45	26	22-24	28	16	26
600-649	11	45	24	7	20	25-27	6	41	29
650-699	2	40	11	0	13	28-30	0	29	29
700-749	0	9	1	0	1	31-33	0	10	6
750-800	0	0	2	0	3	34-36	0	5	1
N	201	198	181	198	201		201	201	201
Mean	459.94	576.20	496.26	498.64	494.53		16.88	21.36	20.73
Std Dev	96.25	86.72	116.34	67.98	106.84		4.66	7.07	6.18

*Includes those self-reported as Black, American Indian, Mexican, Puerto Rican, Japanese American, or Chinese American.

TABLE 8A

NEGRO CADETS
 (Evaluated Using CEER)
 Total N = 54

Frequency Distribution									
	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>
200-249	0	0	0	0	0	0	0	0	0
250-299	0	0	0	0	0	0	0	0	0
300-349	0	0	0	0	1	0	1	0	3
350-399	0	0	1	0	6	0	7	2	3
400-449	3	2	2	0	13	3	7	3	6
450-499	17	7	10	6	12	9	12	9	8
500-549	21	6	7	27	12	18	14	21	10
550-599	10	12	13	14	7	12	5	8	3
600-649	3	12	7	7	3	8	4	6	4
650-699	0	6	10	0	0	3	4	4	3
700-749	0	9	3	0	0	1	0	0	1
750-800	0	0	1	0	0	0	0	1	2
N	54	54	54	54	54	54	54	54	54
Mean	514.52	599.89	571.48	545.83	477.96	540.19	492.96	534.26	500.93
Std Dev	48.96	84.16	91.02	36.91	71.91	62.78	85.95	73.42	115.45

TABLE 8B

NEGRO CADETS
 (Evaluated Using ACT)
 Total N = 25

Frequency Distribution									
	<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
200-249	0	0	0	0	0	1-3	0	0	0
250-299	0	0	0	0	0	4-6	0	0	0
300-349	0	0	0	0	1	7-9	0	0	0
350-399	0	0	0	0	4	10-12	1	0	0
400-449	2	0	4	0	1	13-15	0	0	2
450-499	9	2	7	0	5	16-18	11	0	4
500-549	12	1	2	10	8	19-21	8	3	4
550-599	2	2	4	15	3	22-24	5	3	6
600-649	0	4	4	0	2	25-27	0	14	4
650-699	0	10	4	0	1	28-30	0	4	5
700-749	0	6	0	0	0	31-33	0	1	0
750-800	0	0	0	0	0	34-36	0	0	0
N	25	25	25	25	25		25	25	25
Mean	506.08	643.96	535.60	550.40	487.20		18.76	25.56	22.72
Std Dev	36.53	74.81	91.66	30.00	88.34		3.11	2.77	4.84

TABLE 9A

USMAPS* GRADUATES IN THE CLASS OF 1977
 (Evaluated Using CEER)
 Total N = 191

	Frequency Distribution								
	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>
200-249	0	0	0	0	0	0	0	0	1
250-299	0	0	0	0	0	0	0	0	6
300-349	0	0	0	0	0	0	0	0	10
350-399	1	2	0	0	10	0	5	0	32
400-449	5	3	4	0	18	0	14	3	35
450-499	36	14	8	9	37	7	33	6	35
500-549	66	19	24	51	39	32	38	36	38
550-599	50	34	56	89	38	45	44	45	18
600-649	22	52	50	38	31	50	31	47	9
650-699	6	51	35	3	12	38	20	31	4
700-749	4	16	12	1	6	12	5	10	2
750-800	1	0	2	0	0	7	1	13	1
N	191	191	191	191	191	191	191	191	191
Mean	543.40	611.08	599.58	569.33	536.96	608.01	548.83	607.62	459.27
Std Dev	63.28	75.08	68.31	40.17	82.50	68.20	81.91	76.96	97.24

TABLE 9B

USMAPS* GRADUATES IN THE CLASS OF 1977
 (Evaluated Using ACT)
 Total N = 3

	Frequency Distribution								
	<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
200-249	0	0	0	0	0	1-3	0	0	0
250-299	0	0	0	0	1	4-6	0	0	0
300-349	0	0	0	0	0	7-9	0	0	0
350-399	0	0	0	0	2	10-12	0	0	0
400-449	0	0	0	0	0	13-15	0	0	0
450-499	2	0	0	0	0	16-18	2	0	0
500-549	1	0	1	1	1	19-21	0	0	0
550-599	0	0	2	2	0	22-24	1	0	0
600-649	0	1	0	0	0	25-27	0	3	1
650-699	0	2	0	0	0	28-30	0	0	2
N	3	3	3	3	3		3	3	3
Mean	489.00	655.00	553.33	545.23	326.67		18.67	26.67	28.33
Std Dev	31.43	11.36	28.87	19.94	68.07		3.79	0.58	2.08

*United States Military Academy Preparatory School.

TABLE 10A

RECRUITED ATHLETES* IN THE CLASS OF 1977
 (Evaluated Using CEER)
 Total N = 217

Frequency Distribution										
	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>	
200-249	0	0	0	0	0	0	0	0	2	
250-299	0	0	0	0	0	0	0	0	2	
300-349	0	0	0	0	0	0	6	0	8	
350-399	2	0	1	0	13	0	12	1	26	
400-449	13	0	18	0	27	0	30	8	26	
450-499	42	2	19	11	62	12	61	22	33	
500-549	60	20	39	55	50	43	50	45	52	
550-599	68	33	64	99	33	55	34	58	30	
600-649	23	60	40	43	18	56	15	44	12	
650-699	7	72	24	8	11	33	7	28	15	
700-749	2	29	10	1	3	15	2	5	5	
750-800	0	1	2	0	0	3	0	6	5	
N		217	217	217	217	217	217	217	217	
Mean		539.75	638.12	567.07	571.99	511.02	595.25	499.31	575.01	497.42
Std Dev		61.78	56.76	79.21	41.81	77.55	68.42	77.44	75.81	110.05

TABLE 10B

RECRUITED ATHLETES* IN THE CLASS OF 1977
 (Evaluated Using ACT)
 Total N = 80

Frequency Distribution									
	<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>		<u>ACT-EN</u>	<u>ACT-MA</u>	<u>ACT-NA</u>
200-249	0	0	0	0	1	1-3	0	0	0
250-299	0	0	0	0	1	4-6	0	0	0
300-349	0	0	0	0	4	7-9	0	0	0
350-399	0	0	0	0	5	10-12	2	0	0
400-449	2	1	8	0	11	13-15	1	0	0
450-499	11	3	10	0	10	16-18	19	0	3
500-549	33	3	14	21	21	19-21	30	3	6
550-599	23	12	21	42	14	22-24	18	6	10
600-649	10	18	17	17	5	25-27	8	25	15
650-699	1	31	8	0	6	28-30	2	31	34
700-749	0	12	2	0	2	31-33	0	14	12
750-800	0	0	0	0	0	34-36	0	0	0
N		80	80	80	80		80	80	80
Mean		544.10	639.54	555.41	573.86	498.87	20.46	27.84	27.18
Std Dev		47.88	65.35	76.01	33.60	102.33	3.58	2.91	3.81

*Cadets who were contacted by the Army Athletic Association at some time during the admissions process.

TABLE 11A

MEANS OF ADMISSION VARIABLES FOR THE CLASS OF 1977
 (Evaluated Using CEER)

	<u>CEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>SAT-V</u>	<u>SAT-M</u>	<u>ENG-A</u>	<u>MATH-A</u>	<u>HSR</u>
All Candidates N = 4855	515.82	564.92	494.20	527.63	501.55	562.50	503.59	567.13	489.04
Fully Examined Candidates N = 2505	542.82	576.13	502.09	548.83	522.08	586.55	511.87	576.66	509.03
Fully Examined & Med. Qual. Cand. N = 2341	544.78	578.00	504.48	550.77	523.96	589.63	512.95	578.44	509.72
Admitted Cadets N = 941	574.44	607.92	540.88	581.07	545.09	619.17	538.07	606.66	541.13
Decliners N = 300	603.86	616.35	547.90	601.98	566.48	643.81	556.27	635.94	579.23
Fully Qualified but not Adm. N = 167	549.08	556.50	498.66	546.27	543.11	606.42	525.84	582.64	491.92
Minority Candidates N = 449	462.21	569.39	515.38	498.67	436.05	487.73	458.95	508.60	466.10
Negro Members N = 54	514.52	599.89	577.48	545.83	477.96	540.19	492.96	534.26	500.93
USMAPS Grads N = 191	543.40	611.08	599.58	569.33	536.96	608.01	548.83	607.62	459.27
Recruited Athletes N = 217	539.75	638.12	567.07	571.99	511.02	595.25	499.31	575.01	497.42

TABLE 11B
MEANS OF ADMISSION VARIABLES FOR THE CLASS OF 1977
(Evaluated Using ACT)

	<u>ACEER</u>	<u>LPS</u>	<u>PAE</u>	<u>WMS</u>	<u>HSR</u>	<u>ACT-EN</u>	<u>ACT-EN</u>	<u>ACT-NA</u>
All Candidates N = 1941	515.59	566.11	478.66	526.59	495.77	19.97	25.38	25.44
Fully Examined Candidates N = 1307	532.06	576.75	486.22	541.06	508.83	20.51	26.48	26.33
Fully Examined & Med. Qual. Cand. N = 1204	533.17	579.66	490.03	542.94	509.89	20.54	26.55	26.37
Admitted Cadets N = 435	569.42	623.74	527.51	581.53	552.68	21.73	28.65	27.77
Decliners N = 156	589.75	638.18	549.15	600.22	586.60	22.39	29.61	28.50
Fully Qualified but Not Adm. N = 106	543.87	566.23	511.24	547.30	507.83	20.96	27.57	26.71
Minority Candidates N = 201	459.94	576.20	496.26	498.64	494.53	16.88	21.36	20.73
Negro Members N = 25	506.08	643.96	535.60	550.40	487.20	18.76	25.56	22.72
USMAPS Grads N = 3	489.00	655.00	553.33	545.23	326.67	18.67	26.67	28.33
Recruited Athletes N = 80	544.10	639.54	555.41	573.86	498.87	20.46	27.84	27.18

TABLE 12A

ALL CANDIDATES TO THE CLASS OF 1977
(Evaluated Using CEER)

		CEER ¹			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
	A				
	450	674 (22.1%) ³	595 (19.5%)	895 (29.3%)	2164
	B				
	400	137 (4.5)	103 (3.4)	157 (5.1)	367
² PAE	C	129 (4.1)	104 (3.4)	262 (8.6)	495
	Total	940	802	1314	3056
	PAE Missing	313	333	1153	

TABLE 12B

ALL CANDIDATES TO THE CLASS OF 1977
(Evaluated Using ACEER)

		ACEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
	A				
	450	301 (18.2%)	341 (20.6%)	454 (27.4%)	1096
	B				
	400	62 (3.7)	76 (4.6)	113 (6.8)	251
PAE	C	84 (5.1)	67 (4.0)	158 (9.5)	309
	Total	447	484	725	1656
	PAE Missing	61	66	156	

¹CEER Zones: A 575-800
B 520-574
C 200-519

²PAE Zones: A 450-800
B 400-449
C 200-399

³Percentages are based on the number who had both PAE and CEER Scores. Totals do not include those with missing scores.

TABLE 13A

FULLY EXAMINED CANDIDATES
(Evaluated Using CEER)

		CEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	Total
PAE	A 450	639 (25.5%)	554 (22.1%)	662 (26.4%)	1855
	B 400	124 (5.0)	83 (3.3)	109 (4.4)	316
	C 200	96 (3.8)	75 (3.0)	162 (6.5)	333
Total		859	712	933	2504

TABLE 13B

FULLY EXAMINED CANDIDATES
(Evaluated Using ACEER)

		ACEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	Total
PAE	A 450	282 (21.6%)	311 (23.8%)	313 (23.9%)	906
	B 400	56 (4.3)	67 (5.1)	76 (5.8)	199
	C 200	64 (4.9)	44 (3.4)	94 (7.2)	202
Total		402	422	483	1307

TABLE 14A

FULLY EXAMINED AND MEDICALLY QUALIFIED CANDIDATES
(Evaluated Using CEER)

	<u>A</u> 450	CEER			
		<u>A</u> <u>575</u>	<u>B</u> <u>520</u>	<u>C</u> <u>200</u>	<u>Total</u>
PAE	<u>A</u> 450	618 (26.4%)	533 (22.8%)	610 (26.1%)	1761
	<u>B</u> 400	113 (4.8)	72 (3.1)	97 (4.1)	282
	<u>C</u> 200	89 (3.8)	69 (2.9)	140 (6.0)	298
	Total	820	674	847	2341

TABLE 14B

FULLY EXAMINED AND MEDICALLY QUALIFIED CANDIDATES
(Evaluated Using ACEER)

	<u>A</u> 450	ACEER			
		<u>A</u> <u>575</u>	<u>B</u> <u>520</u>	<u>C</u> <u>200</u>	<u>Total</u>
PAE	<u>A</u> 450	266 (22.1%)	300 (24.9%)	287 (23.8%)	853
	<u>B</u> 400	53 (4.4)	61 (5.1)	69 (5.7)	183
	<u>C</u> 200	53 (4.4)	36 (3.0)	79 (6.6)	168
	Total	372	397	435	1204

TABLE 15A

ADMITTED CLASS
(Evaluated Using CEER)

		CEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
PAE	A 450	378 (40.2%)	282 (30.0%)	173 (18.4%)	833
	B 400	71 (7.5)	19 (2.0)	7 (0.7)	97
	C 200	8 (0.9)	2 (0.2)	1 (0.1)	11
Total		457	303	181	941

TABLE 15B

ADMITTED CLASS
(Evaluated Using ACEER)

		ACEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
PAE	A 450	164 (37.7%)	153 (35.2%)	56 (12.9%)	373
	B 400	31 (7.1)	18 (4.1)	6 (1.4)	55
	C 200	6 (1.4)	1 (0.2)	0	7
Total		201	172	62	435

TABLE 16A

DECLINERS
(Evaluated Using CEER)

		CEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
PAE	A 450	179 (59.9%)	70 (23.4%)	22 (7.4%)	271
	B 400	20 (6.7)	4 (1.3)	1 (0.3)	25
	C 200	3 (1.0)	0	0	3
Total		202	74	23	299

TABLE 16B

DECLINERS
(Evaluated Using ACEER)

		ACEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
PAE	A 450	89 (57.4%)	47 (30.3%)	9 (5.8%)	145
	B 400	7 (4.5)	1 (0.6)	0	8
	C 200	2 (1.3)	0	0	2
Total		98	48	9	155

TABLE 17A

FULLY QUALIFIED BUT NOT ADMITTED
(Evaluated Using CEER)

		CEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
PAE	A 450	33 (19.8%)	85 (50.9%)	25 (15.0%)	143
	B 400	5 (3.0)	16 (9.6)	1 (0.6)	22
	C 200	1 (0.6)	1 (0.6)	0	2
Total		39	102	26	167

TABLE 17B

FULLY QUALIFIED BUT NOT ADMITTED
(Evaluated Using ACEER)

		ACEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
PAE	A 450	16 (15.2%)	55 (52.4%)	22 (21.0%)	93
	B 400	3 (2.9)	8 (7.6)	1 (1.0)	12
	C 200	0	0	0	0
Total		19	63	23	105

TABLE 18A

MINORITY CANDIDATES
(Evaluated Using CEER)

		CEER		
		<u>A</u>	<u>B</u>	<u>C</u>
PAE	A	<u>575</u>	<u>520</u>	<u>200</u>
	450	36 (11.0%)	46 (14.1%)	159 (48.6%)
	400	9 (2.8)	6 (1.8)	24 (7.3)
	200	4 (1.2)	7 (2.1)	36 (11.0)
	Total	49	59	219
	PAE Missing	6	9	107

TABLE 18B

MINORITY CANDIDATES
(Evaluated Using ACEER)

		ACEER		
		<u>A</u>	<u>B</u>	<u>C</u>
PAE	A	<u>575</u>	<u>520</u>	<u>200</u>
	450	11 (6.1%)	29 (16.0%)	82 (45.3%)
	400	4 (2.2)	7 (3.9)	16 (8.8)
	200	6 (3.3)	3 (1.7)	23 (12.7)
	Total	21	39	121
	PAE Missing	2	1	17

TABLE 19A

NEGRO CADETS IN THE CLASS OF 1977
(Evaluated Using CEER)

		CEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
PAP	A 450	6 (11.1%)	15 (27.8%)	30 (55.6%)	51
	B 400	1 (1.9)	1 (1.9)	0	2
	C 200	0	0	1 (1.9)	1
Total		7	16	31	54

TABLE 19B

NEGRO CADETS IN THE CLASS OF 1977
(Evaluated Using ACEER)

		ACEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	<u>Total</u>
PAP	A 450	0	8 (32.0%)	13 (52.0%)	21
	B 400	0	4 (16.0)	0	4
	C 200	0	0	0	0
Total		0	12	13	25

TABLE 20A

USMAPS GRADUATES IN THE CLASS OF 1977
(Evaluated Using CEER)

		CEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	Total
PAE	A 450	48 (25.1%)	75 (39.3%)	64 (33.5%)	187
	B 400	1 (0.5)	1 (0.5)	2 (1.0)	4
	C 200	0	0	0	0
Total		49	76	66	191

TABLE 20B

USMAPS GRADUATES IN THE CLASS OF 1977
(Evaluated Using ACEER)

		ACEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	Total
PAE	A 450	0	0	3 (100%)	3
	B 400	0	0	0	0
	C 200	0	0	0	0
Total		0	0	3	3

TABLE 21A

RECRUITED ATHLETES IN THE CLASS OF 1977
(Evaluated Using CEER)

		CEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	Total
PAE	A 450	56 (25.8%)	64 (29.5%)	78 (35.9%)	198
	B 400	7 (3.2)	6 (2.8)	5 (2.3)	18
	C 200	1 (0.5)	0	0	1
Total		64	70	83	217

TABLE 21B

RECRUITED ATHLETES IN THE CLASS OF 1977
(Evaluated Using ACEER)

		ACEER			
		A <u>575</u>	B <u>520</u>	C <u>200</u>	Total
PAE	A 450	21 (26.3%)	34 (42.5%)	17 (21.3%)	72
	B 400	1 (1.3)	4 (5.0)	3 (3.8)	8
	C 200	0	0	0	0
Total		22	38	20	80

~~UNCLASSIFIED~~
Security Classification

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY (Corporate author) Office of the Director of Institutional Research United States Military Academy West Point, New York 10996	2a. REPORT SECURITY CLASSIFICATION Unclassified
2b. GROUP	

3. REPORT TITLE

(6) Admission Scores of the USMA Class of 1977

4. DESCRIPTIVE NOTES (Type of report and inclusive dates)

5. AUTHOR(S) (First name, middle initial, last name)

(10) Mr. John W. Houston

(11) Jan 74

6. REPORT DATE

January 1974

7a. TOTAL NO. OF PAGES

27

7b. NO. OF REPS

8a. CONTRACT OR GRANT NO.

8b. PROJECT NO. 166

c.

d.

9a. ORIGINATOR'S REPORT NUMBER(S)

(14) 9B1.01-74-016

9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)

10. DISTRIBUTION STATEMENT

Reproduction of this document in whole or in part must have prior approval of the Superintendent, United States Military Academy, West Point, New York

11. SUPPLEMENTARY NOTES

12. SPONSORING MILITARY ACTIVITY

United States Military Academy
West Point, New York 10996

ABSTRACT

The purpose of this report is to bring together, for research and information purposes, the summary statistics of the admission scores of the candidates and cadets--Class of 1977. The distributions of scores are shown for six (6) categories of candidates, including decliners and minority group members; and four (4) categories of admitted cadets, including Negro members, graduates of the US Military Academy Preparatory School, and recruited athletes. Bivariate frequency breakouts (CEER and ACEER versus PAE) are also shown for the same categories of candidates and cadets.

14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Admission Scores American College Testing Program Class Characteristics Class of 1977 College Board Scores Data Analysis Fourth Class Services						

DD FORM 1 NOV 1973 REPLACES DD FORM 1473, 1 JAN 66, WHICH IS
OBSOLETE FOR ARMY USE.

~~UNCLASSIFIED~~

Security Classification